ISSUE NO.64 | 25 SEPTEMBER 2021

COVID-19
WEEKLY BULLETIN

DEPARTMENT OF HEALTH AND FAMILY WELFARE
INTEGRATED DISEASE SURVEILLANCE PROGRAMME
KOHIMA: NAGALAND

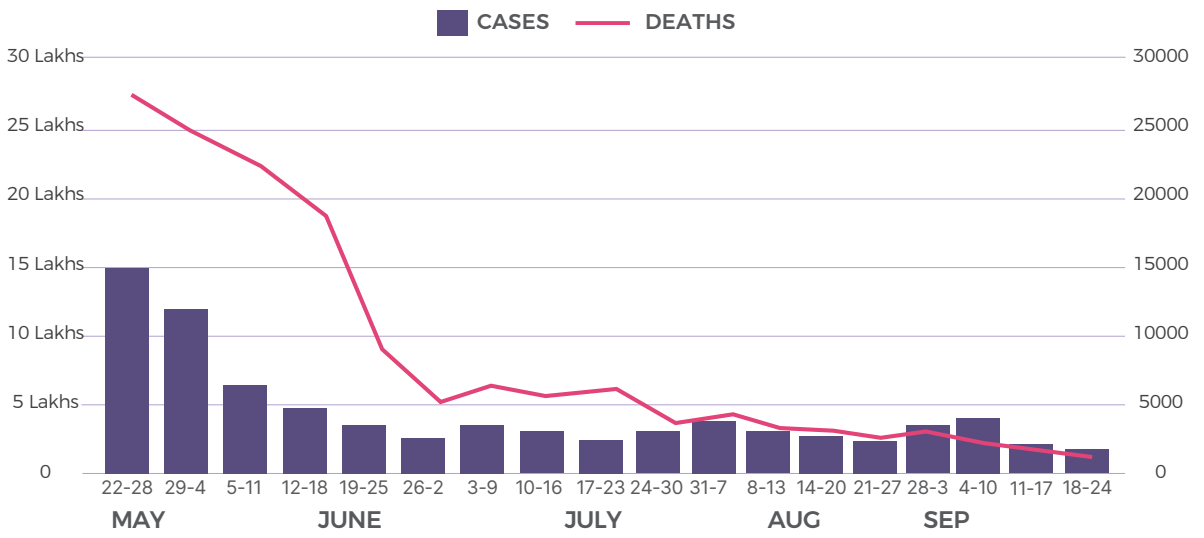
Global Epidemiological Update

All regions showed a decline in new cases except Africa which reported a 4% increase in new cases (WHO epidemiological report). The highest number of new cases were reported from the USA, India, UK, Turkey and the Philippines. 230 million cases have been confirmed with more than 4.72 million deaths reported globally. 5.87 billion doses of the covid-19 have been administered as of date.

National update

The weekly positivity rate in the country is at 2.07% with a recovery rate of 97.78% (PIB).

1,77,413 cases and 1839 deaths were reported from the week. Kerala, Maharashtra, Tamil Nadu, Mizoram Andhra Pradesh have the highest active cases in the country.



As on 24 SEP 2021

Global | National | State

Variables	Confirmed cases	Deaths	Death Rate	Total Covid-19 Vaccine Doses given
World	23,04,18,451	47,24,876	2.05%	5.87 billion
India	3,35,94,803	4,46,368	1.30%	84.15 crores
Nagaland	31,085	646	2.08%	10.17 lakhs

In the past week:

World: 35,74,107 cases and 58,542 deaths.

India: 1,77,413 cases and 1,839 deaths.

Nagaland: 305 cases and 8 deaths.

As on 24 SEP 2021

Covid-19 Situational Level - North Eastern States

State	Active Cases	Total Deaths
Mizoram	15,752	281
Assam	4,686	5,827
Manipur	2,270	1,838
Meghalaya	1,968	1,386
Sikkim	644	382
Nagaland	474	646
Arunachal Pt	428	273
Tripura	331	810

COVID-19 vaccines prevented 1,58,665 hospitializations in Israel alone: Lancet Study

A retrospective study published in lancet has estimated that vaccines prevented 1,58,55 hospitalizations and prevented 5,532 deaths in the country alone.
"Without the vaccination, Israel would have triple the number of hospitalizations and deaths and the healthcare system might have become overwhelmed."

HIGH MORTALITY RATE AMONG PREGNANT WOMEN OBSERVED

The death rate among pregnant women has been found to be much higher than the general population as COVID-19 infection substantially increases complications during pregnancy. The mortality rate of 10.3% among pregnant women as against 2% among general population calls for adequate preventive measures. None of the COVID-19 deaths were found to be vaccinated.

Total confirmed cases among Pregnant women	Total COVID-19 deaths among Pregnant women	Total Vaccinated among deaths	Death Rate
87	9	0	10.3%

All pregnant women should get vaccinated at the earliest and follow all Covid-19 appropriate behaviour to avoid infection.

WEEKLY SUMMARY

- The state has reached a milestone in COVID-19 vaccination as total doses administered crossed 10 lakh doses taking the tally to 10.17 lakhs over 12, 860 vaccination sessions.
- A total of 305 cases and 8 deaths (all deaths from Dimapur) were reported from the week. A 35% increase in new cases was observed from the past week with increase in Dimapur, Kohima and Tuensang.
- 10,209 samples were tested during the week with a weekly sample positivity rate of 3% . The weekly sample positivity rate has remained less than 5% for 6 consecutive weeks in the state but Dimapur (5.4%) and Phek (5%) showed an increase in current week.
- There were 55 new admissions in COVID-19 hospitals across the state in the week (Dimapur: 30, Kohima: 14, Tuensang: 6 and Mokokchung: 5)
- Among COVID-19 deaths, 60% had comorbid conditions (387/646), 19% (125/646) did not have any and 21% (134/646) were not known if they had any.
- 2,816 students from 4-32 years were tested positive in 2021 with 3 deaths among them.

COVID-19: Risks for infection

The below activities are categorized assuming that face masks will be worn, physical distancing of 6 feet or more will be maintained, and people with underlying medical conditions are taking increased precautions.

LOW RISK	MEDIUM RISK	HIGH RISK
Travel by private vehicle	Air travel,Train travel, bus travel	Going on a cruise
Staying in a hotel or vacation rental in a rural area	Staying in a vacation rental in a busy/urban area	Staying n a hostel/dormitory (crowded)
Going to a beach (few people)	Going to amusement parks	Going to a crowded beach
Going for a walk, run or bike ride with others	Taking children to a playground, Swimming at a public pool with appropriate distancing	Going to the gym
Playing non-contact sports (e.g.tennis)	Playing low-contact sports (i.e. baseball, volleyball)	Playing high or full contact sports (i.e. football, basketball)
Getting take-out from a restaurant	Eating outdoors at a restaurant with physical distancing	Eating indoors at a restaurant Going to bars, lounges
Gathering in open space with physical distancing (less than 10 people) Camping with physical distancing	Outdoor parties with friends and family (more than 10 people) Dinner at someone else's house with physical distancing (less than 10 people)	Eating at a buffet Going to large concert venues Attending an event at a sports stadium
Going grocery shopping (open market, not crowded)	Going to a mall Going to a salon/ barbershop Going to office, college, school Going to libraries and museums	Going to a movie theater Going to an public exhibition (crowded)
Going to a doctor's office (well ventilated, not crowded)	Attending a service at a place of worship (risk lower with no singing)	Attending a service at a place of worship (risk increases with larger crowds and/or with singing and chanting).
Attending a wedding ceremony (less than 10 people)	Attending a wedding ceremony (not crowded)	Attending a large wedding reception (crowded, buffet)

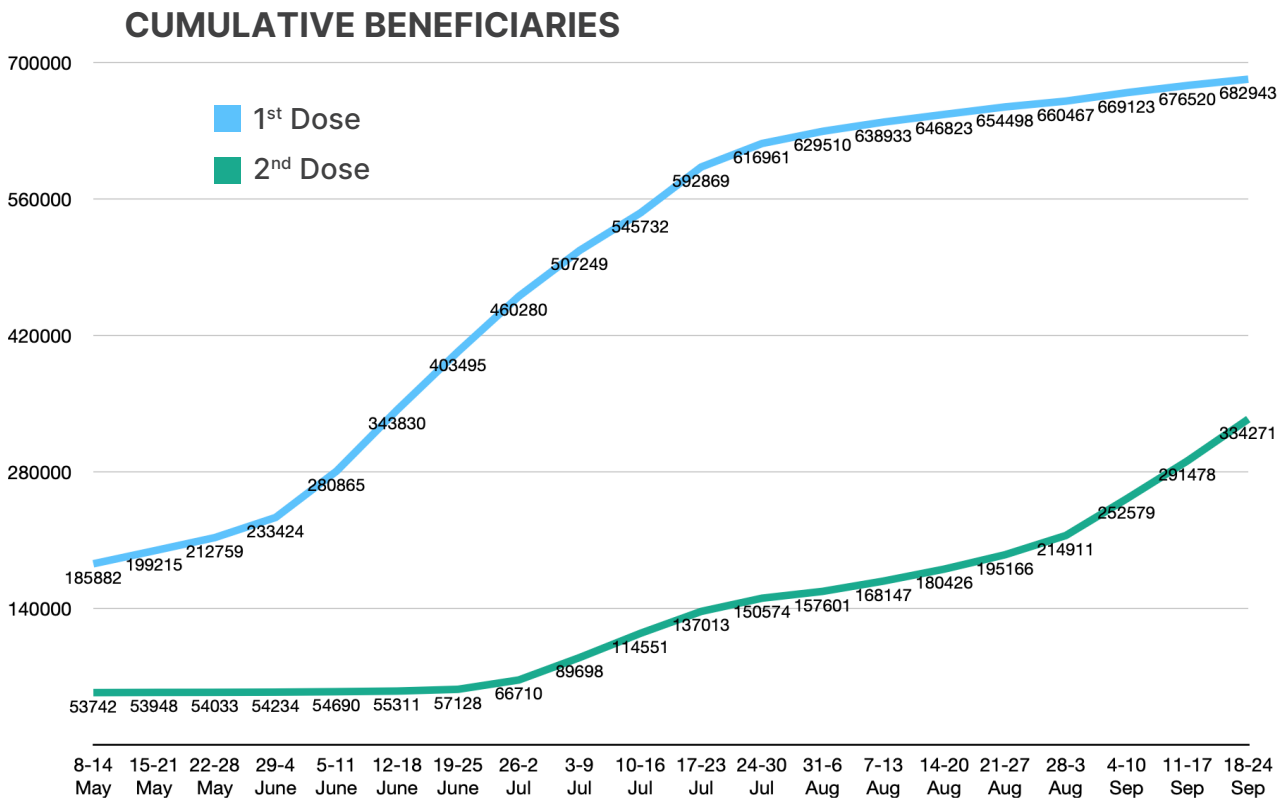
(SOURCE: UIP, DHFW)

COVID-19 VACCINATION

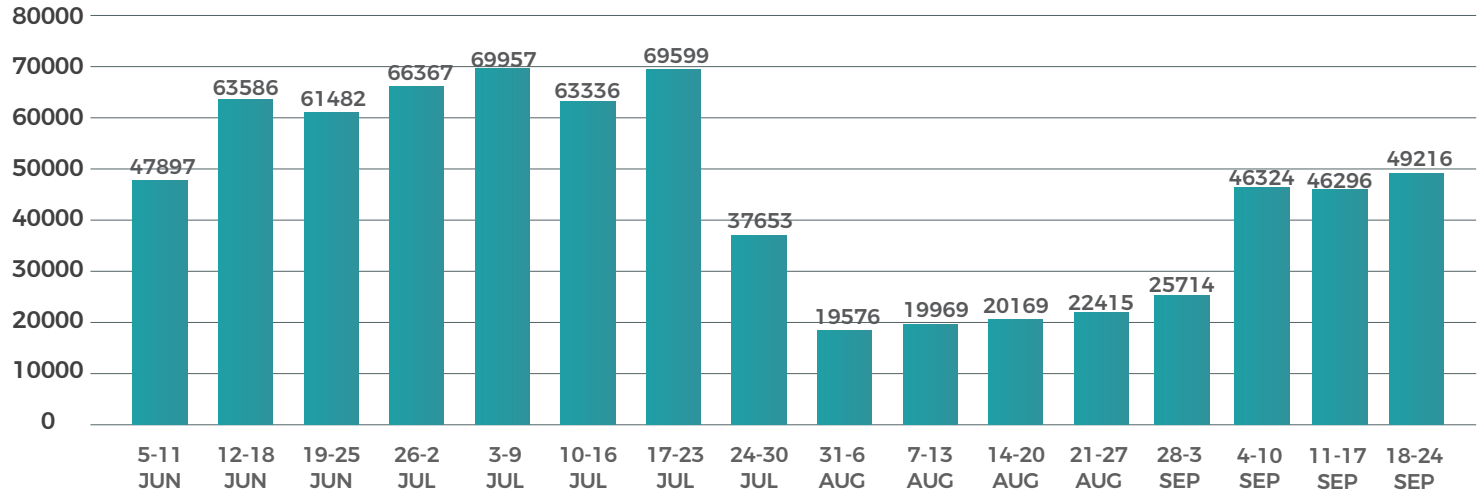
State crosses 10 lakh administered doses

District	Total doses administered	Total Doses administered in the last 7 days	Coverage of eligible beneficiaries	
			1st Dose	2nd Dose
Dimapur	359646	20901	115 %	47 %
Kohima	165152	8254	65 %	38 %
Longleng	32886	2722	56 %	35 %
Mokokchung	107566	6295	49 %	29 %
Mon	103430	3111	44 %	22 %
Zunheboto	52551	2701	39 %	17 %
Wokha	51634	1223	33 %	17 %
Tuensang	52167	1316	32 %	14 %
Peren	28288	1072	32 %	17 %
Phek	46864	1090	30 %	16 %
Kiphire	17030	531	23 %	9 %
State	10,17,214	49,216	55%	27%

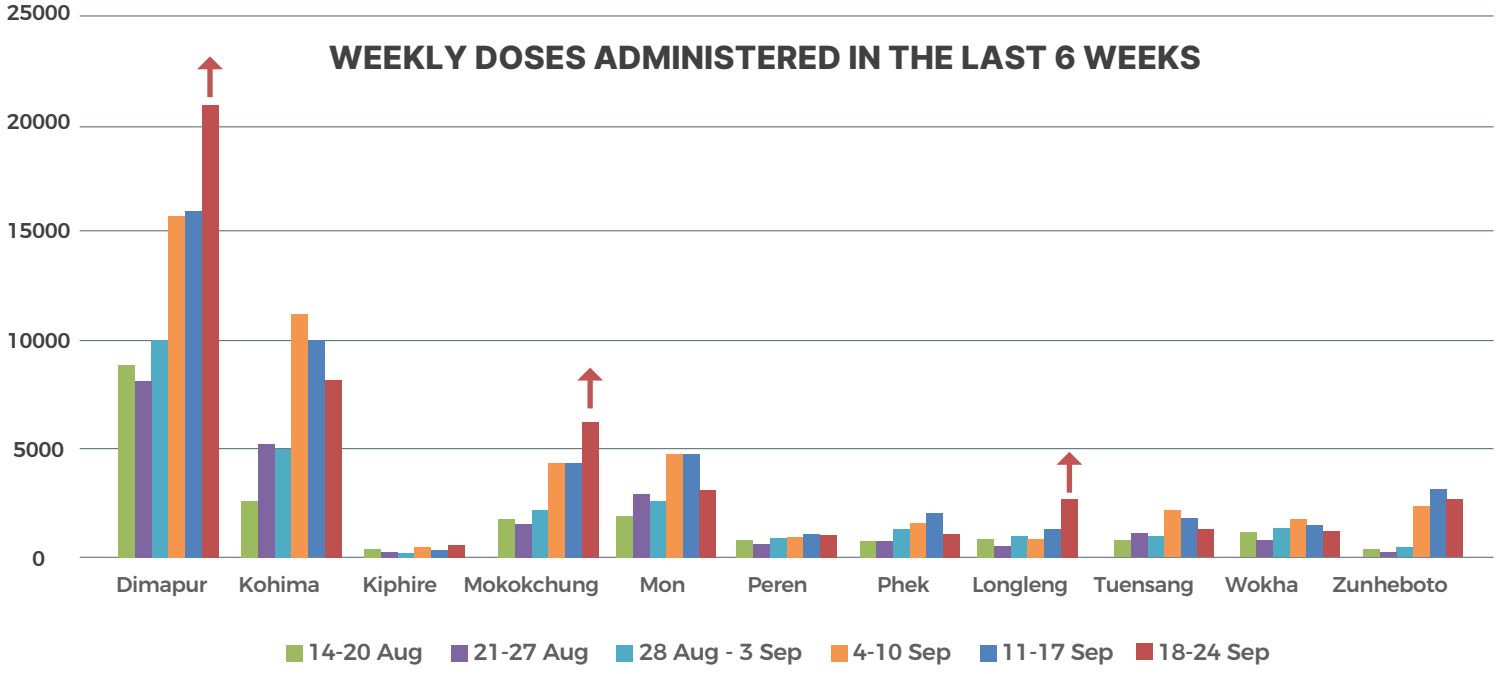
**Coverage is based on census and is subject to accuracy of census population, migration, and other factors.*



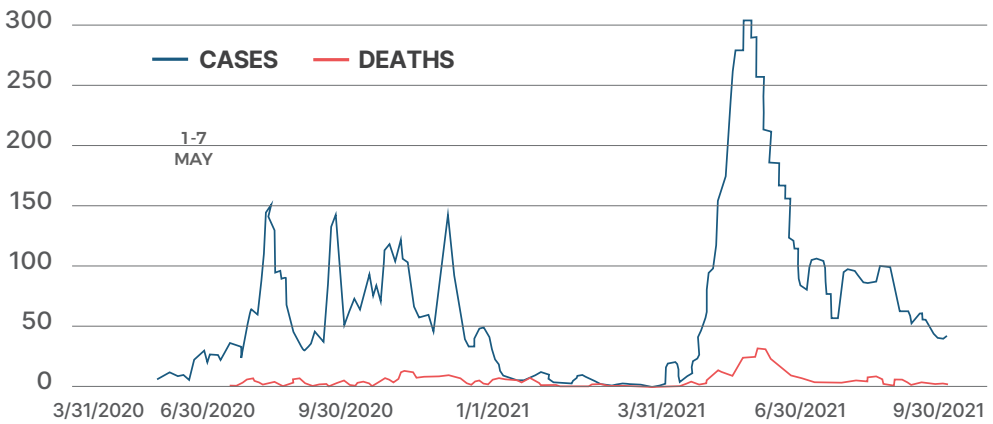
TOTAL WEEKLY VACINE DOSES ADMINISTERED



WEEKLY DOSES ADMINISTERED IN THE LAST 6 WEEKS



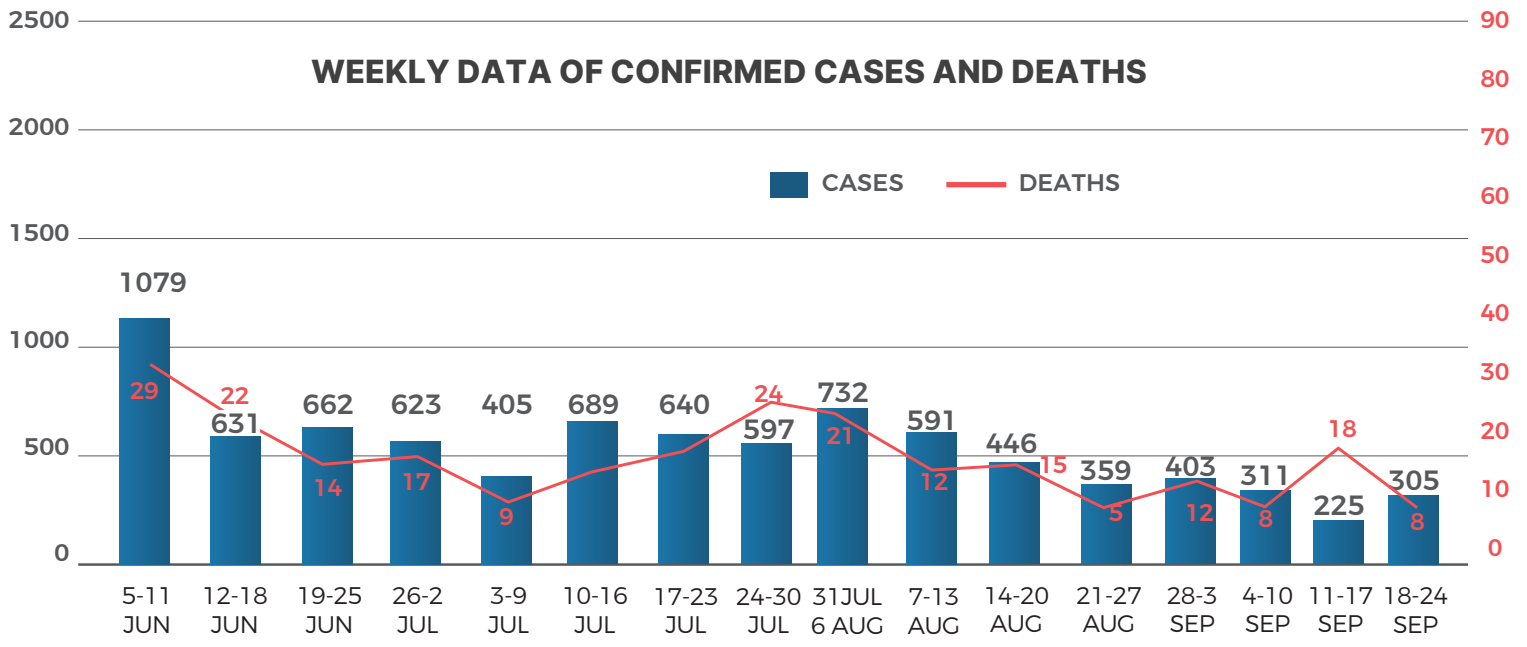
DAILY COVID-19 CASE INCREASE WITH 7 DAY MOVING AVERAGE

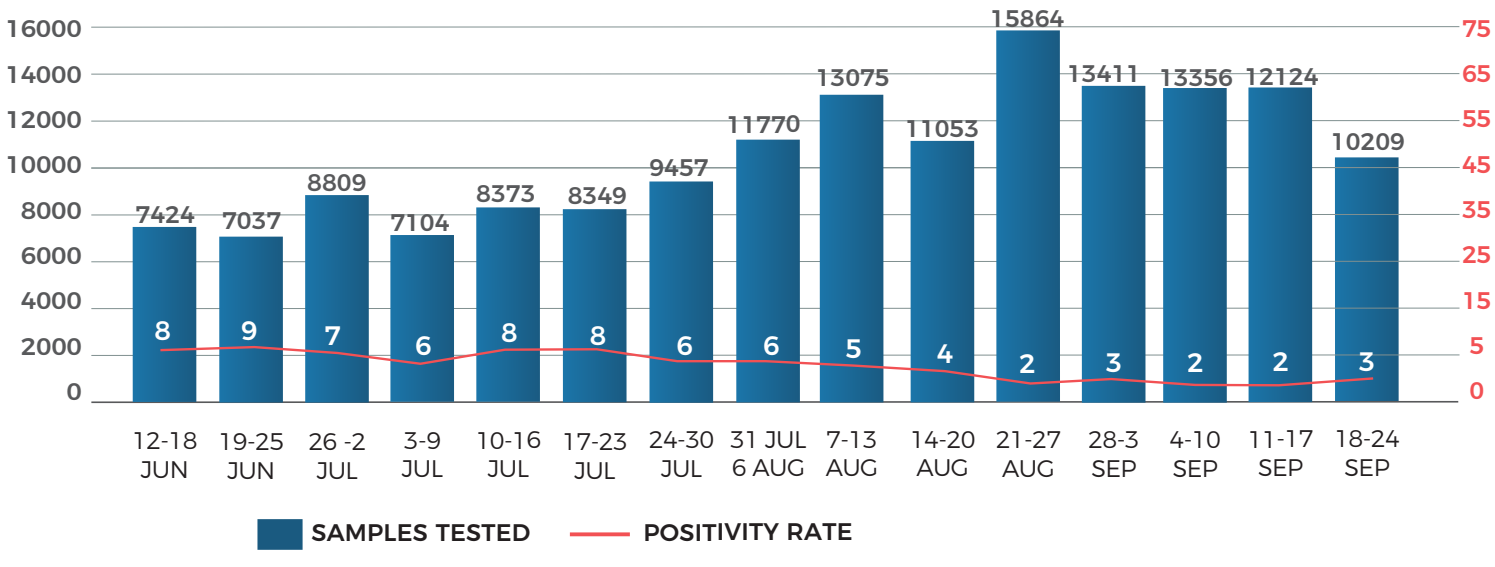


DATA AS ON 24 SEPTEMBER 2021

CONFIRMED CASES (weekly data)

305 confirmed cases this week



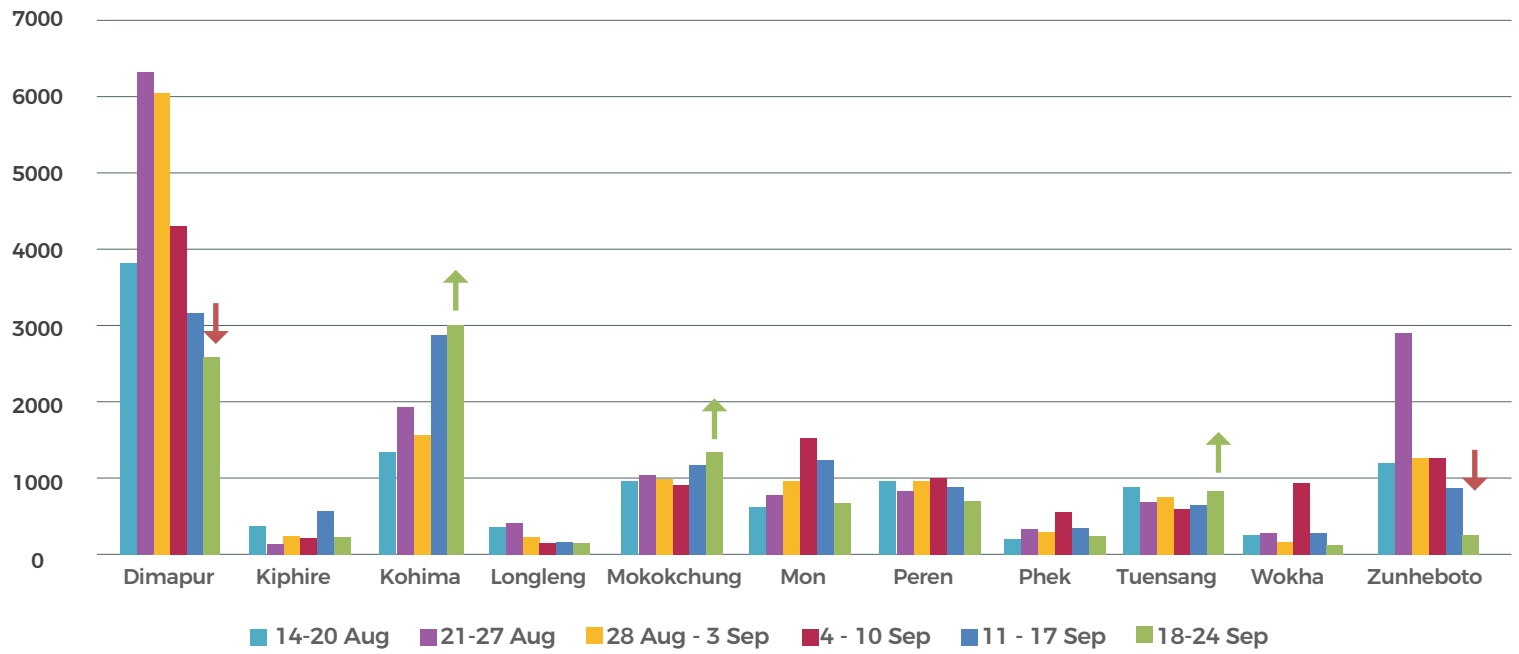


CONFIRMED CASES THIS WEEK

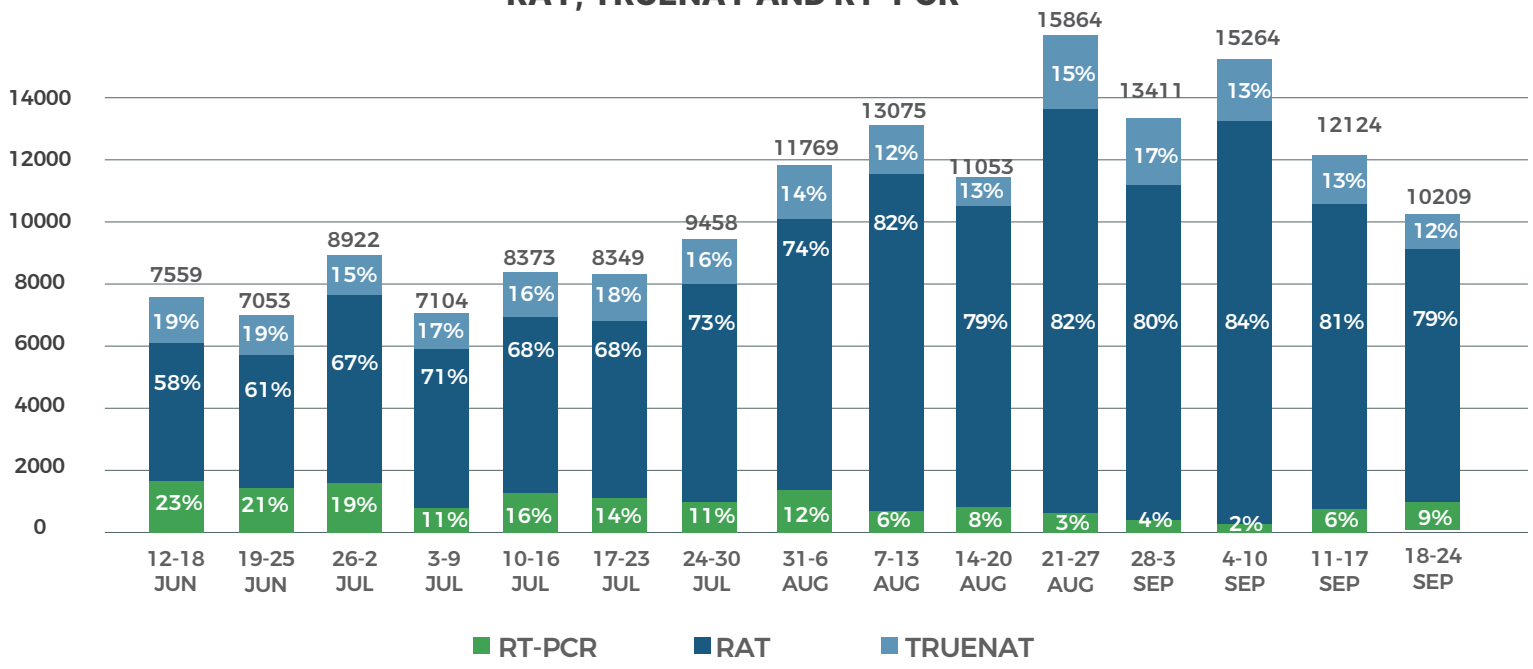
Category	Cases	%
Self- Test/ Random Test	188	62 %
Traced contacts	57	19 %
Frontline workers	28	9 %
Travellers	28	9 %
Security personnel	4	1 %
TOTAL	305	100%

10,209 samples were tested the past week with a weekly positivity rate of 3%.

DISTRICT WISE WEEKLY SAMPLING/TESTING FOR THE LAST 6 WEEKS

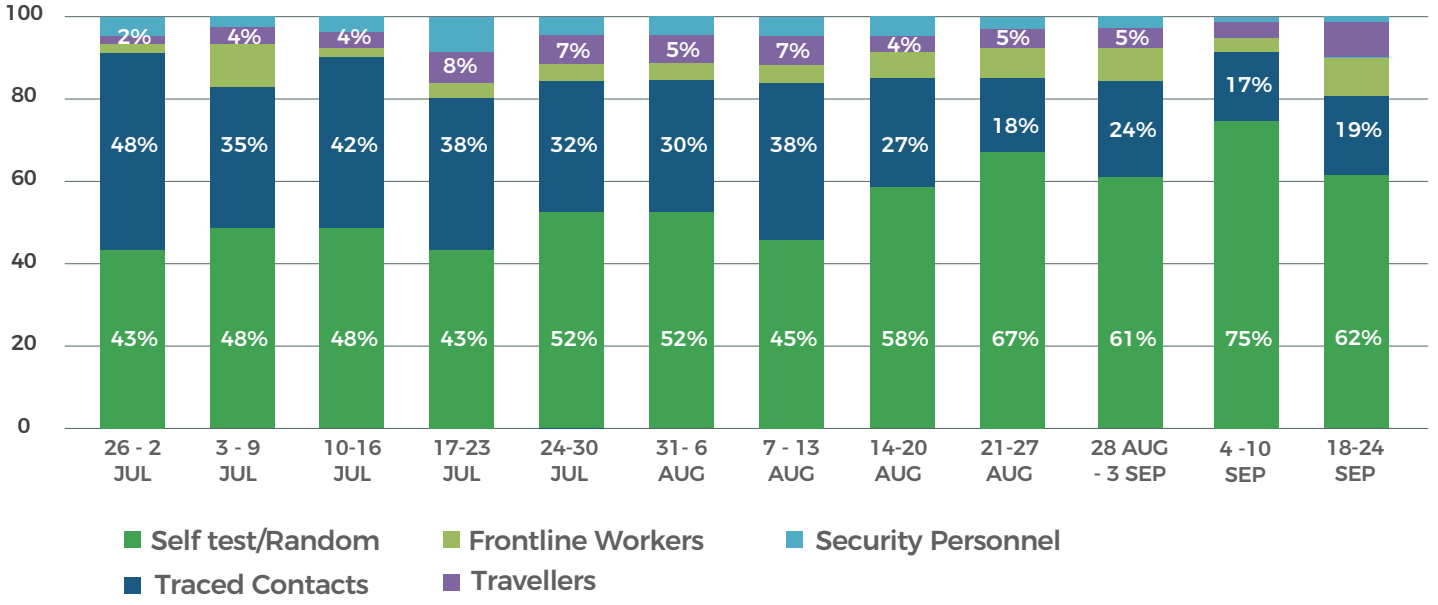


PERCENTAGE OF WEEKLY TESTING DONE THROUGH RAT, TRUENAT AND RT-PCR

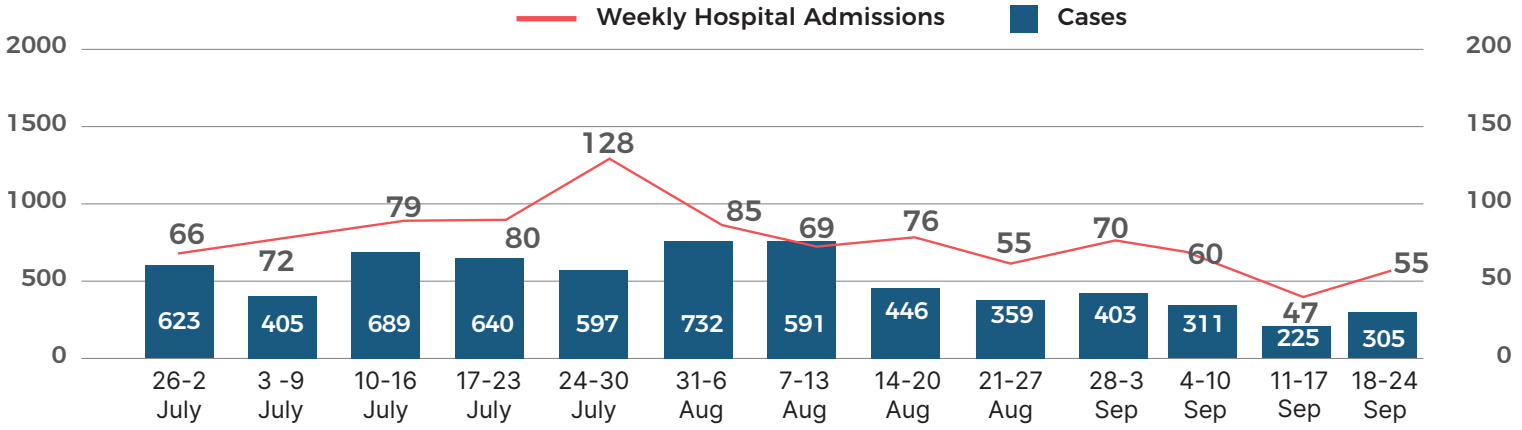


GENERAL CATEGORIZATION OF CONFIRMED CASES (WEEKLY PERCENTAGE)

Gradual increase in Self- Random tests category signifies community transmission without a known source of infection.

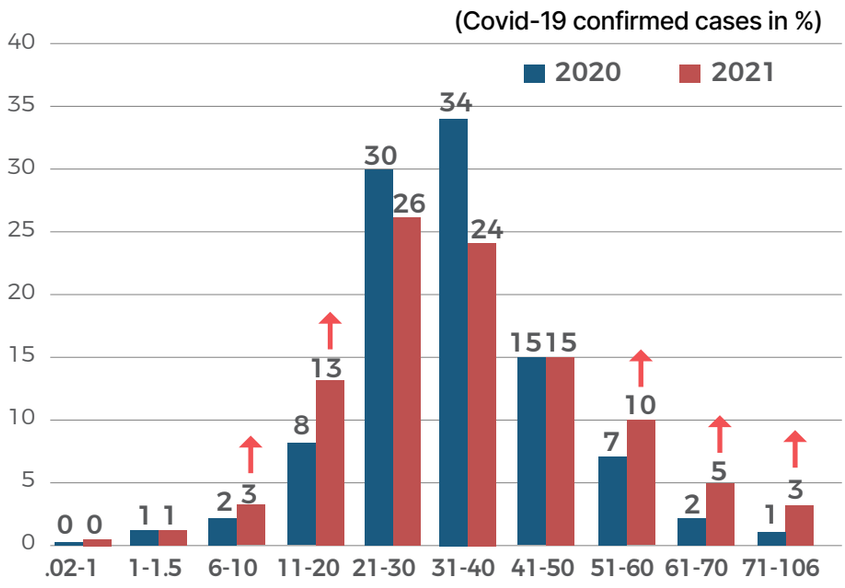


WEEKLY NEW COVID-19 HOSPITAL ADMISSIONS AGAINST TOTAL CONFIRMED CASES

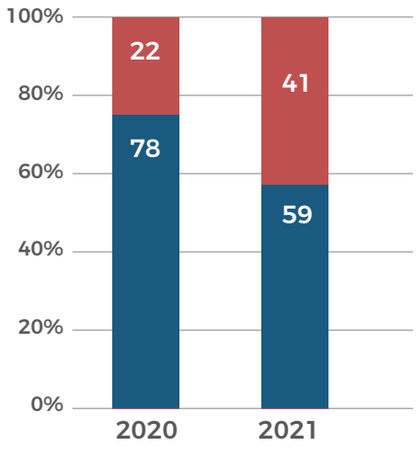


DISTRIBUTION OF CONFIRMED CASES BY AGE-GROUP

Age Group	2020 Cases	2021 Cases
.02-1	25	86
1.1-5	146	275
6-10	189	48
11-20	1005	2458
21-30	3579	4964
31-40	4060	4651
41-50	1750	2870
51-60	849	1851
61-70	210	882
71-106	114	634
TOTAL	11,927	18,719



Between 2020 and 2021, proportion of cases increased in the 6-10., 11-20, 51-60 and 71-106 year age groups.



DISTRIBUTION OF CONFIRMED CASES BY GENDER

Proportion of confirmed cases among females increased from 22% (2020) to 41 % (2021)

Female

Male

DISTRIBUTION OF CONFIRMED CASES AMONG STUDENTS

Age Group	2020 Cases	2020 Deaths	2021 Cases	2021 Deaths
4-10	223	0	557	0
11-17	312	0	1168	2
18- 24	339	0	1028	1
25-32	40	0	63	0
TOTAL	914	0	2,816	3

Gender	2020 Cases	2020 Deaths	2021 Cases	2021 Deaths
Male	457	0	1419	2
Female	457	0	1397	1
TOTAL	914	0	2,816	3

Delta is likely to drive substantial increases in cases, hospitalizations, and deaths in places with low vaccination rates.

Measures to ensure safety return to classrooms during the pandemic:

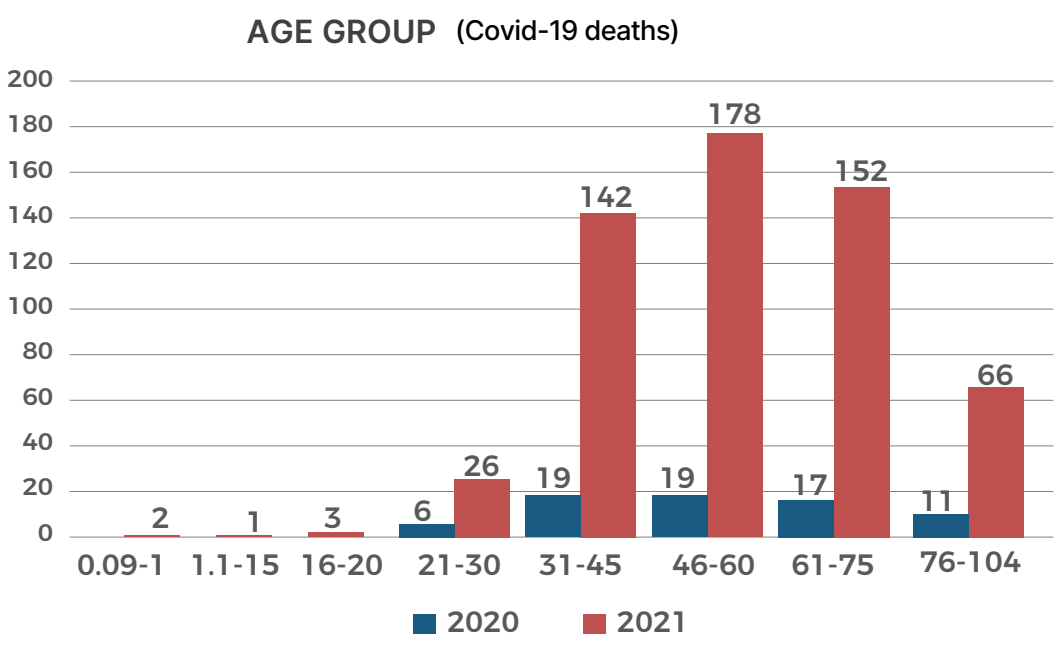
- Stringent adherence to universal masking for staff and students matched by hand hygiene, physical distancing, adequate ventilation.
- Vaccination of teachers, non-teaching staff and eligible students should be prioritised.
- Level of community transmission in a district should be the key parameter to guide reopening (Positivity rate < 5%)
- High level of testing and contact tracing within schools
- Classroom routines redesigned to limit student interaction inside and outside the rooms

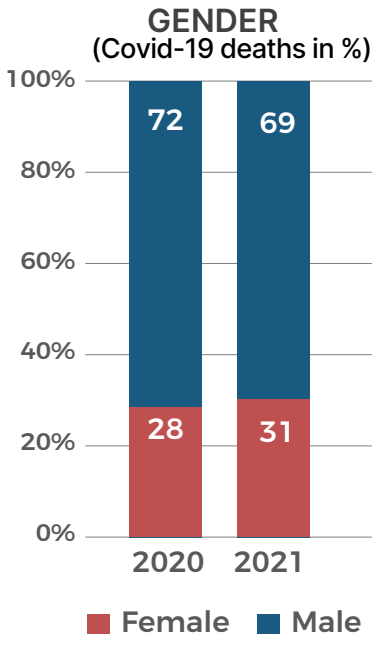
DATA AS ON 24 SEPTEMBER 2021

COVID DEATHS IN THE STATE

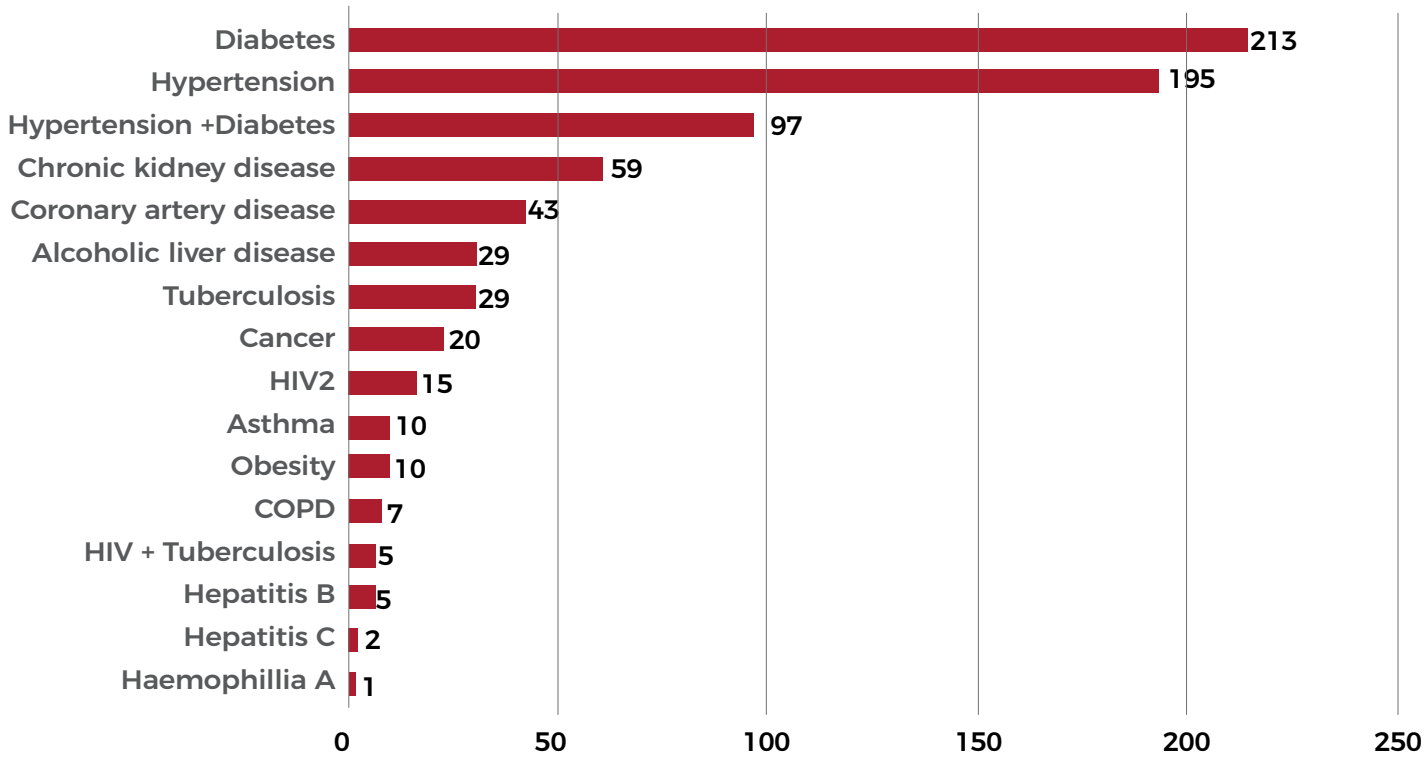
8 deaths reported this week

DISTRIBUTION OF COVID-19 DEATHS (2020 AND 2021)





UNDERLYING DISEASES AMONG COVID-19 DEATHS



*More than one disease may be associated with a single case

Anyone with any of the underlying diseases should be vaccinated at the earliest.

COMORBID STATUS AMONG COVID-19 DEATHS BY AGE GROUP

Among COVID-19 deaths, 60% (387/646) had comorbid conditions, 19% (125/646) did not have any, 21% (134/646) not known if they had any comorbid conditions.

Age Group	Comorbidity	No Comorbidity	Not Known
0.09-1	0.1 (1)	0	0.1(1)
1.1-15	0.1 (1)	0	0
16-20	0.1 (1)	0.3 (2)	0
21-30	2 (15)	3 (17)	0
31-45	12 (75)	11 (69)	3 (17)
46-60	19 (124)	3 (20)	9 (57)
61-75	19 (120)	1 (9)	6 (40)
76-104	8 (50)	1 (8)	3 (19)
TOTAL	60 (387)	19 (125)	21 (134)

WEEKLY SAMPLE POSITIVITY RATE CHANGE IN DISTRICTS

District	24-30 JULY	31-6 AUG	7-13 AUG	14-20 AUG	21-27 AUG	28 AUG - 3 SEP	4-10 SEP	11-17 SEP	18-24 SEP
Dimapur	6	6	6	4	2	3.4	3.3	3.2	5.4
Kohima	13	16	9	10	5	5.5	3.1	2.1	2.4
Tuensang	5	5	4	1	1	0.8	0.5	0.9	4.1
Mokokchung	8	8	8	9	6	4.0	3.1	1.7	1.6
Phek	6	4	2	4	4	9.4	3.9	3.8	5.0
Zunheboto	2	1	1	1	1	0.5	0.3	0.4	0.0
Mon	2	1	1	1	1	1.7	1.3	0.4	0.0
Longleng	5	11	5	1	2	1.9	1.6	0.7	4.1
Wokha	7	6	8	4	2	4.4	1.9	2.8	1.9
Kiphire	2	4	1	2	2	0.5	2.5	0.5	2.2
Peren	3	11	3	1	1	0.2	0.7	0.3	0.3
State	6	6	5	4	2	3.0	2.3	1.9	3.0

DISTRICT WISE COVID 19 SITUATIONAL LEVEL
(18-24 SEP 2021)

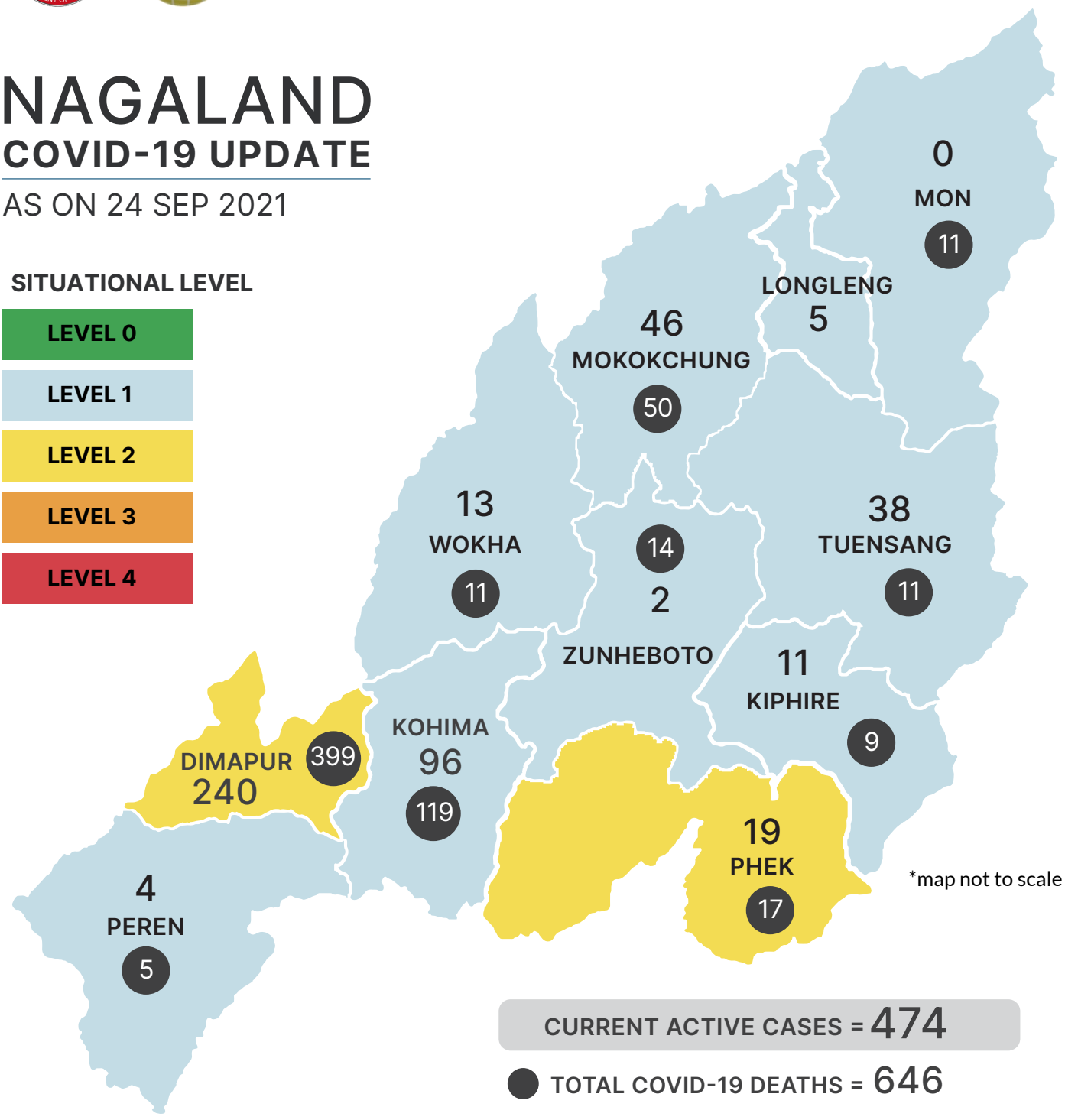
District	Situational Level	Active Cases as on 24 Sep 2021	Weekly New Cases	Growth rate of new cases (7dma)	Total Deaths till date	Weekly Deaths	Weekly Covid-19 hospital admissions	Bed Occupancy of Oxygen supported beds % as on 24 SEP 2021	Weekly Samples Tested	Weekly Sample Positivity Rate %
Dimapur	2	240	148	0.15	399	8	30	3.2	2751	5.4%
Kohima	1	96	72	0.11	119	0	14	2.4	3013	2.4%
Mokokchung	1	46	22	0.14	50	0	5	0.0	1355	1.6%
Tuensang	1	38	37	0.51	11	0	6	12.5	905	4.1%
Phek	2	19	12	0.3	17	0	0	4.5	241	5.0%
Wokha	1	13	2	0.08	11	0	0	0.0	106	1.9%
Kiphire	1	11	5	0.28	9	0	0	0.0	226	2.2%
Longleng	1	5	5	0.24	0	0	0	0.0	123	4.1%
Peren	1	4	2	0.03	5	0	0	0.0	625	0.3%
Zunheboto	1	2	0	0	14	0	0	0.0	208	0.0%
Mon	1	0	0	0	11	0	0	0.0	656	0.0%
		474	305	0.14	646	8	55	3	10209	3.0%

DEPARTMENT OF HEALTH AND FAMILY WELFARE
INTEGRATED DISEASE SURVEILLANCE PROGRAMME
KOHIMA: NAGALAND

NAGALAND
COVID-19 UPDATE
AS ON 24 SEP 2021

SITUATIONAL LEVEL

- LEVEL 0
- LEVEL 1
- LEVEL 2
- LEVEL 3
- LEVEL 4



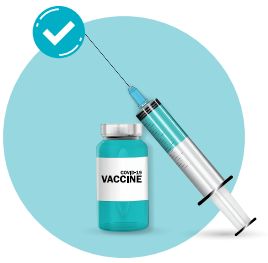
*map not to scale

CURRENT ACTIVE CASES = 474

TOTAL COVID-19 DEATHS = 646

*For data reporting, Noklak is covered under Tuensang district as there is no separate surveillance unit yet for the district.

LET'S STOP COVID-19!



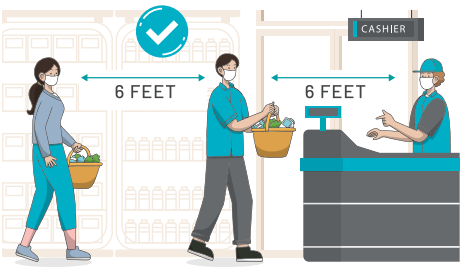
GET VACCINATED



WEAR MASK



WASH HANDS



WATCH DISTANCE

COVID-19 VACCINATION

for all citizens 18 years and above



REGISTRATION

at vaccination center
or online at
WWW.COWIN.GOV.IN

select preferred Covid19
Vaccination Center (Govt./Pvt.)



CONFIRMATION

1 - SMS on registration
2 - SMS with date, time & place of vaccination
3 - SMS after 1st dose & next due date & time



VACCINATION

carry photo ID proof for verification.

VACCINATION AT GOVERNMENT FACILITIES IS FREE!

www.nagahealth.nagaland.gov.in
www.covid19.nagaland.gov.in
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Bibliography:
DoHFW, Nagaland; COVID-19 War Room, Nagaland; MoHFW; WHO; WCO Nagaland; NCDC, New Delhi; CDC, Atlanta; Bloomberg ; NEJM; BMJ